

# ABSTRACT

5 In a multi-piece solid golf ball comprising a solid  
core, a mantle and a cover, the solid core is made of a  
rubber composition comprising a base rubber containing a  
polybutadiene synthesized using a rare-earth catalyst, a  
small amount of organic peroxide, an unsaturated carboxylic  
acid and/or a metal salt thereof, an organic sulfur compound  
10 and an inorganic filler. The mantle is made of a  
thermoplastic resin composition. The cover is made primarily  
of a mixture of an ionomer resin-containing resin composition  
and an inorganic filler. This construction provides the golf  
ball with a combination of outstanding flight performance and  
15 soft feel with cover's scuff resistance and crack durability,  
that is unprecedented.